

## SLIDE BEARING

### Abstract

A slide bearing (30), in particular a sintered bearing, for a shaft (16), in particular of an electrical machine (10), is proposed. The slide bearing (30) has a bore (32) for the shaft (16) and also has capillary gaps (40). It is saturated with a lubricant. The surface region of the bore (32) has zones (34, 36) of different density, which are saturated with a low-viscosity poly-alpha-olefin lubricant. As a result, positive values are established for the long-term performance and cold noises in an arbitrary installed position.

(Fig. 2)